

# Clinical Laboratory Update

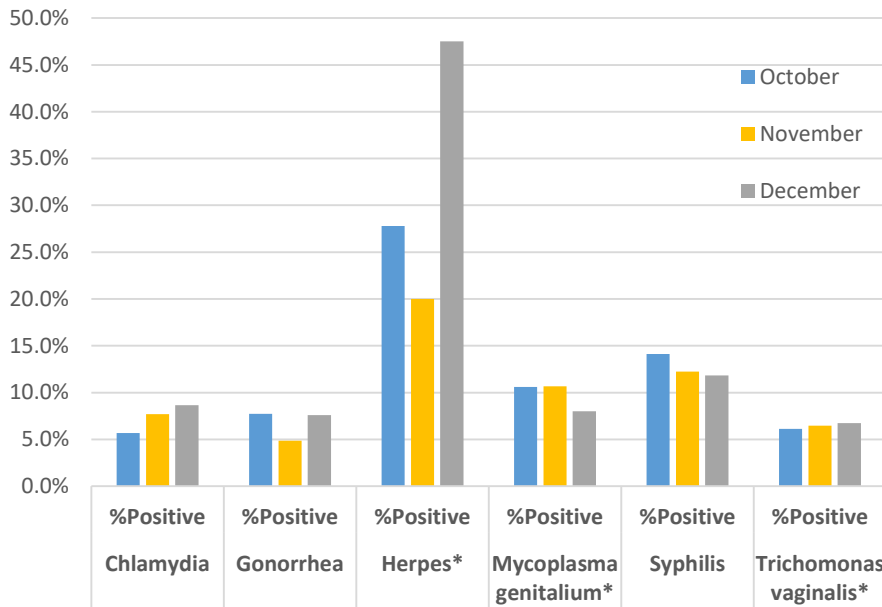
December 2022

[www.milwaukee.gov/healthlab](http://www.milwaukee.gov/healthlab)

Phone: (414) 286-3526

Fax: (414) 286-5098

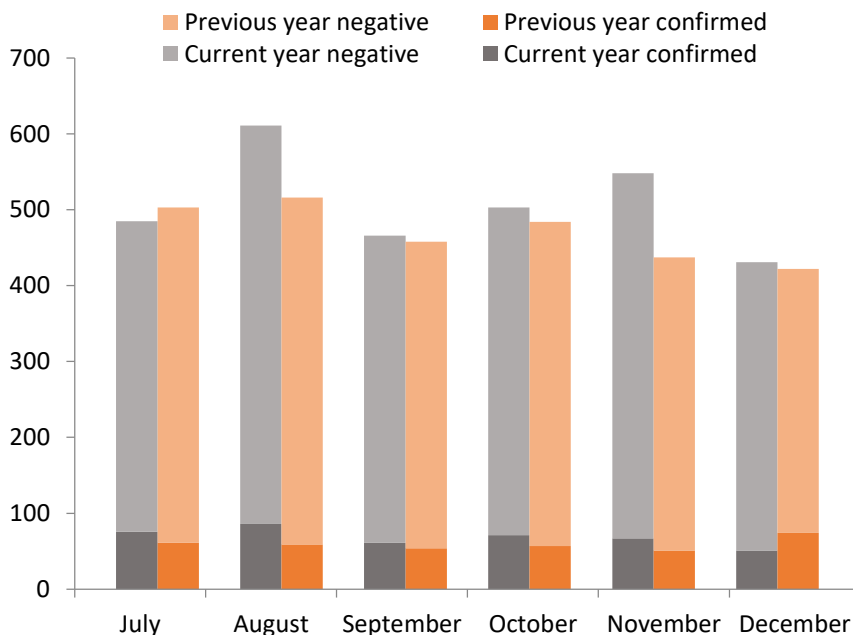
## Sexually Transmitted Infections



**Figure 1:** Percent positivity for specimens screened using molecular or serological assays for the given organism.

\*Not reportable as per WI DHS 145.04 (3) (a)

## Syphilis Surveillance

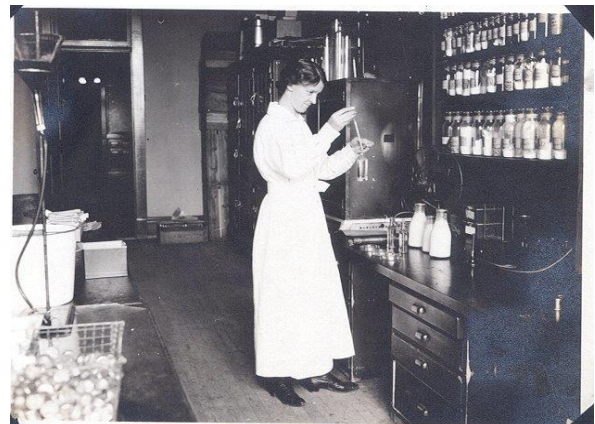


**Figure 2:** Monthly comparison of syphilis data with year over year comparisons.

Number of specimens screened at MHD, darker bars represent confirmed tests.

## MHD Laboratory Highlights

MHDL has been providing vital services to the City of Milwaukee since 1874 as the city's public health laboratory. Here are some historical images for your enjoyment:



### Links to related information & data:

[MHD COVID-19 Situation](#)

[WSLH Laboratory Surveillance Report](#)

**WI SARS-CoV-2 Genomic Dashboard:**

<https://dataportal.slh.wisc.edu/>

<https://city.milwaukee.gov/CovidVax>

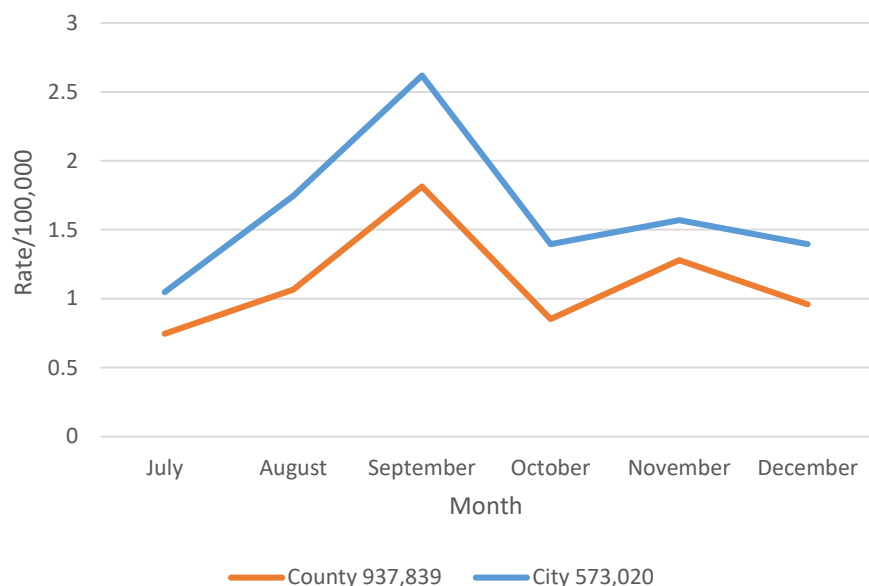
**CDC COVID-19 Data Tracker:**

<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/index.html>

Connect Milwaukee  
Health Department:



## New HIV Infections

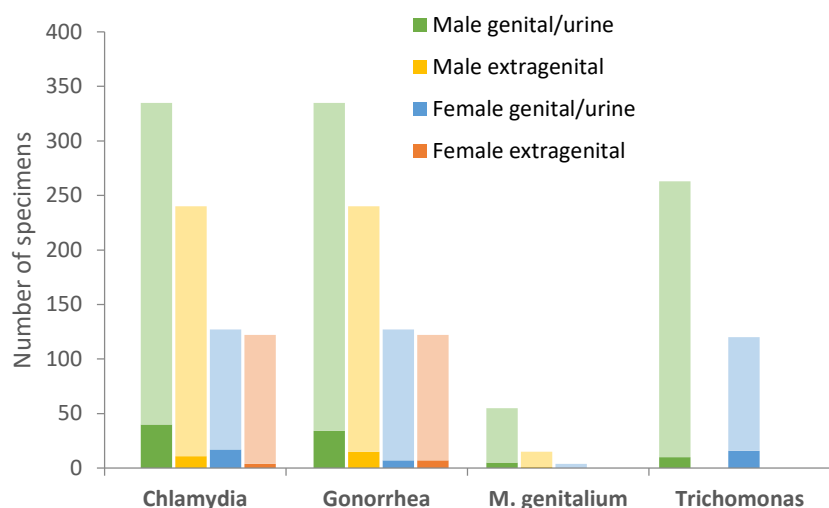


**Figure 3:** Monthly comparison of rate of new HIV infections in Milwaukee County and the City of Milwaukee, using data obtained from the Wisconsin Department of Health Services. Numbers are provisional and subject to change. Population figures taken from 2020 census results.

For statewide HIV data, visit:

<https://www.dhs.wisconsin.gov/hiv/data.htm>

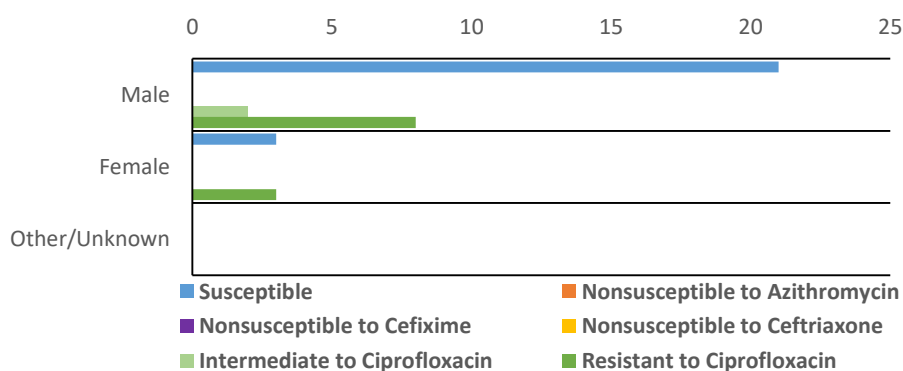
## Sexually Transmitted Infections by Source



**Figure 4:** Distribution of STIs detected using NAAT. In December 2022, 8.9% of male and 8.4% of female specimens screened were positive for Chlamydia. 8.5% of male and 5.6% of female specimens were positive for Gonorrhea. 8.6% of male and 0 of the 4 female specimens were positive for *M. genitalium*. 3.8% of male specimens and 13.3% of female specimens were positive for *Trichomonas*.

*Note: Darker bars indicate positive specimens.*

## Gonorrhea Antimicrobial Susceptibility Testing



**Figure 5:** Antibiotic susceptibility profile of Gonorrhea isolates identified in males and females. In December 2022, 13 of 37 cultures tested were found to be intermediate or resistant to Ciprofloxacin according to CLSI guidelines. MHD tests for antibiotic resistance to Ceftriaxone, Cefixime and Ciprofloxacin.

**Figure 8:** Respiratory pathogens detected using a Respiratory Pathogen Panel (RPP) and/or RT-PCR Influenza and Covid-19 assays.